

**PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q88467

Takeshi KOIZUMI, et al.

Appln. No.: 10/538,636

Group Art Unit: 1645

Confirmation No.: 6856

Examiner: Unassigned

Filed: June 10, 2005

For: PRIMER AND PROBE FOR DETECTING VIBRIO CHOLERAEE OR VIBRIO  
MIMICUS AND DETECTION METHOD USING THE SAME

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

1. D. V. Singh, *et al.*, "Development of a Hexaplex PCR Assay for Rapid Detection of Virulence and Regulatory Genes in *Vibrio cholerae* and *Vibrio mimicus*", *Journal of Clinical Microbiology*, Vol. 40, No. 11, November 2002, (XP-002415924), pp. 4321-4324.
2. Jongsik Chun, *et al.*, "Analysis of 16S-23S rRNA Intergenic Spacer Regions of *Vibrio cholerae* and *Vibrio mimicus*", *Applied and Environmental Microbiology*, Vol. 65, No. 5, May 1999, (XP-002415925), pp. 2202-2208.
3. JP-A 2003-164282 published June 10, 2003, to Gifu Univ., with English Abstract.

One copy of each of the listed documents is submitted herewith.

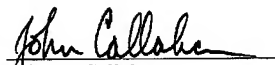
Takeshi KOIZUMI, *et al.*  
U.S. Appln. No.: 10/538,636  
INFORMATION DISCLOSURE STATEMENT

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents, together with an English-language version (if not already included) of at least that portion of the Communication indicating the degree of relevance found by the foreign patent office.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,

  
John T. Callahan  
Registration No. 32,607

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: April 6, 2007

Substitute for Form 1449 A & B/PTO  <b><u>INFORMATION DISCLOSURE</u></b> <b><u>STATEMENT BY APPLICANT</u></b> <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10/538,636
				Confirmation Number	6856
				Filing Date	June 10, 2005
				First Named Inventor	Takeshi KOIZUMI
				Art Unit	1645
				Examiner Name	Unassigned
Sheet	1	of	1	Attorney Docket Number	Q88467

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>3</sup> (if known)		
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	2003-164282	A	06-10-2003	Gifu Univ.	Abstract

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		D. V. Singh, <i>et al.</i> , "Development of a Hexaplex PCR Assay for Rapid Detection of Virulence and Regulatory Genes in <i>Vibrio cholerae</i> and <i>Vibrio mimicus</i> ", <i>Journal of Clinical Microbiology</i> , Vol. 40, No. 11, November 2002, (XP-002415924), pp. 4321-4324	
		Jongsik Chun, <i>et al.</i> , "Analysis of 16S-23S rRNA Intergenic Spacer Regions of <i>Vibrio cholerae</i> and <i>Vibrio mimicus</i> ", <i>Applied and Environmental Microbiology</i> , Vol. 65, No. 5, May 1999, (XP-002415925), pp. 2202-2208	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.